

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041710.D
 Acq On : 21 Dec 2020 19:05
 Operator : SY/MD
 Sample : L5162-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB247

Quant Time: Dec 22 05:54:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134440	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39983	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.92	69	39490	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	55597	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.65	46	171102	56.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.34%
24) Chloroform-d	5.08	84	87841	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	51358	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	168014	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	56741	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.90	98	142769	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.18	79	22670	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	149329	53.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54059	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	53761	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

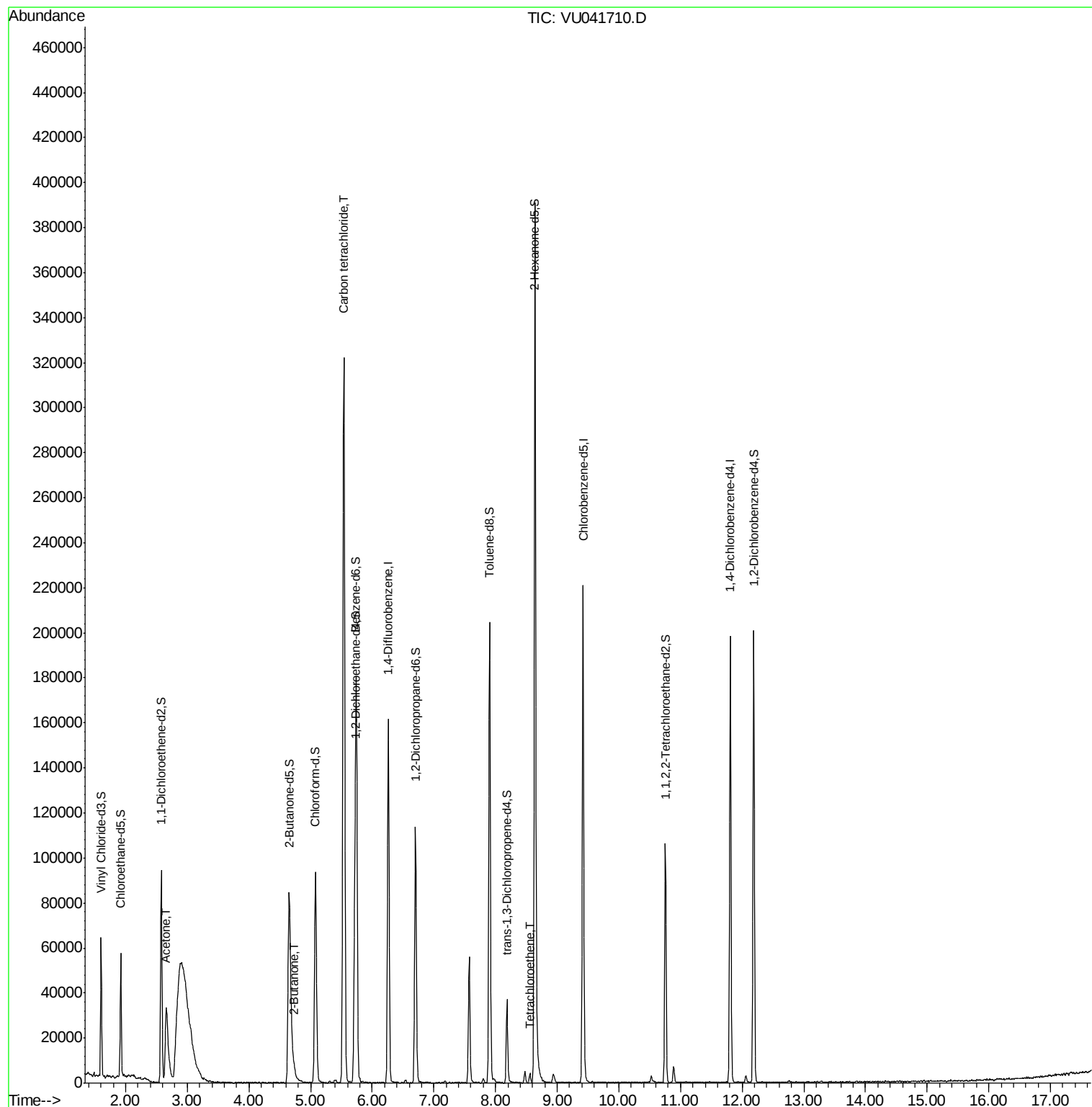
					Ovalue
13) Acetone	2.66	43	74386	38.735	ug/L 98
21) 2-Butanone	4.74	43	3596	1.150	ug/L 76
31) Carbon tetrachloride	5.54	117	224757	17.896	ug/L 99
47) Tetrachloroethene	8.55	164	895	0.126	ug/L 77

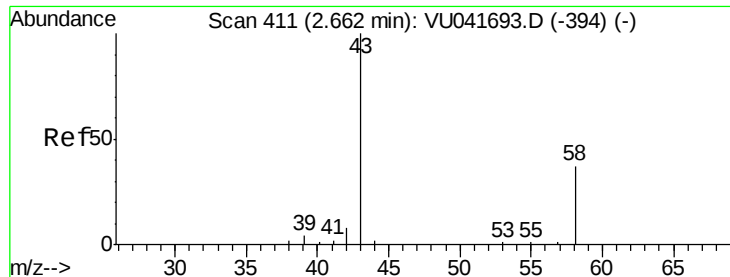
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 38.735 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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Acq: 21 Dec 2020 19:05

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ClientSampleId :

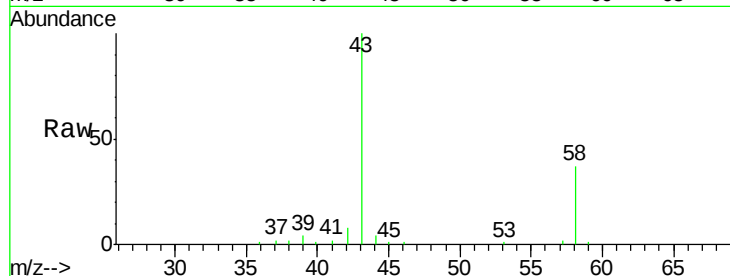
GB247

Tot Ion: 43 Resp: 74386

Ion Ratio Lower Upper

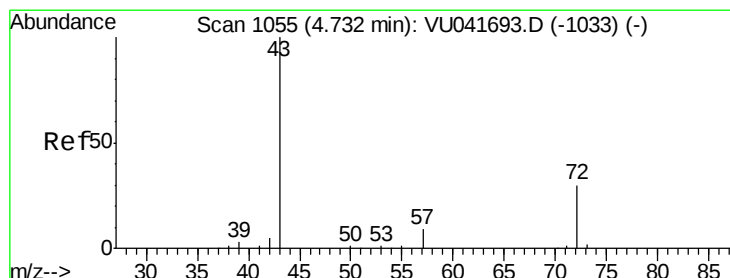
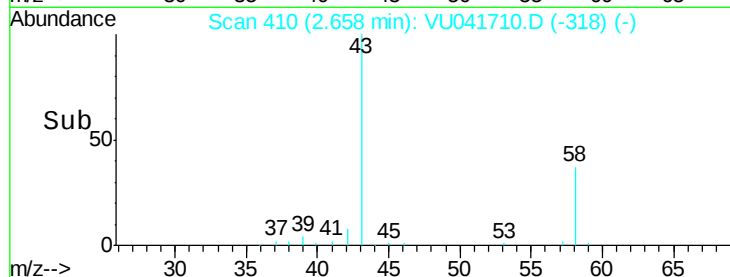
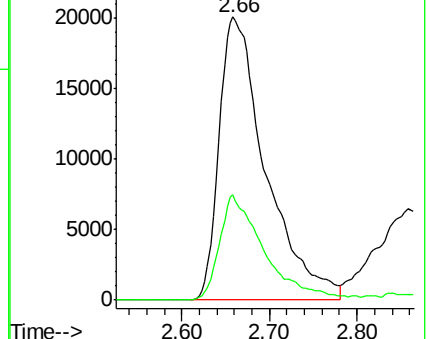
43 100

58 35.5 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 1.150 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU041710.D

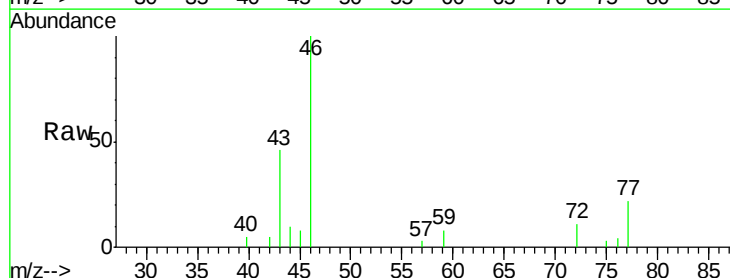
Acq: 21 Dec 2020 19:05

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

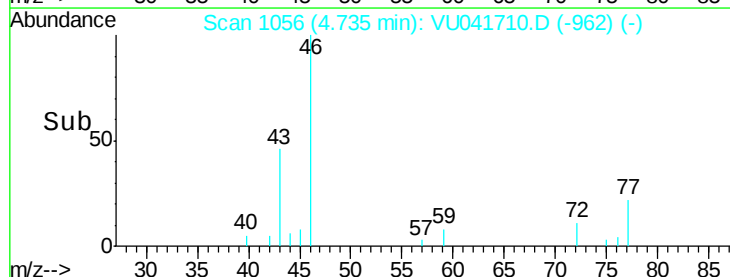
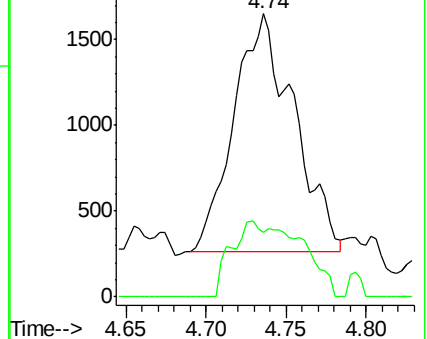
43 100

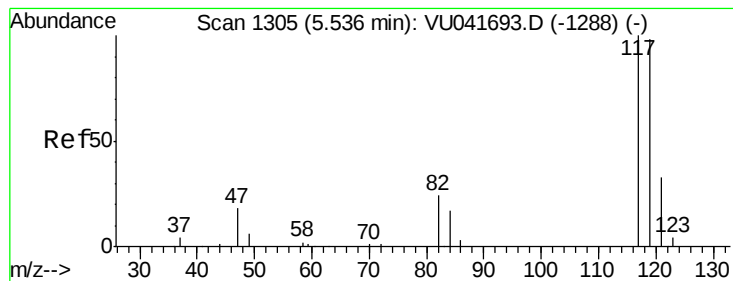
72 16.4 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#31

Carbon tetrachloride

Concen: 17.896 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

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Acq: 21 Dec 2020 19:05

Instrument :

MSVOA_U

ClientSampleId :

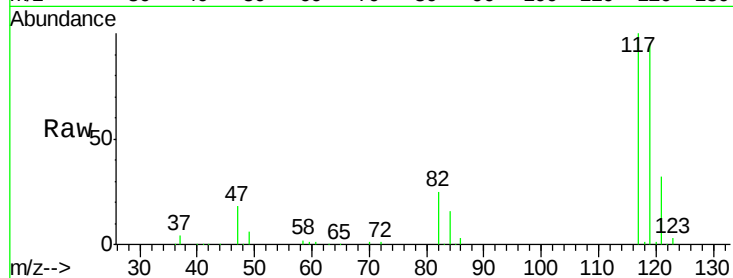
GB247

Tot Ion:117 Resp: 224757

Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

120000

100000

80000

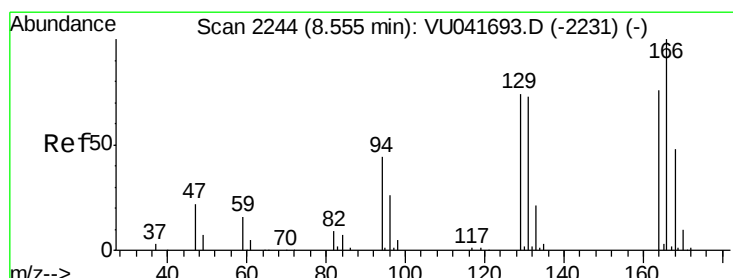
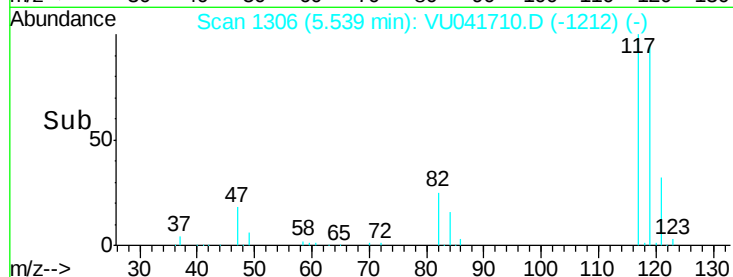
60000

40000

20000

0

Time-->



#47

Tetrachloroethene

Concen: 0.126 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. -0.00 min

Lab File: VU041710.D

Acq: 21 Dec 2020 19:05

Tgt Ion:164 Resp: 895

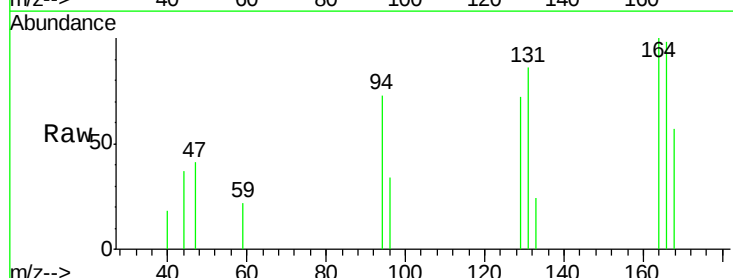
Ion Ratio Lower Upper

164 100

129 72.2 72.2 134.0

131 85.9 66.9 124.3

166 98.0 89.6 166.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

1200

1000

800

600

400

200

0

Time-->

